

Anti-human phospho-231 TAU mab 5G7

Catalogue number	Package size
0102003601	100 µg
0102003603	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	5G7
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	Synthetic peptide KKVAVVRT(Pi)PPKSPSS
Specificity:	human TAU phosphorylated at amino acid position 231 (T)
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
Storage:	at -20 °C (repeated thawing and freezing should be avoided)
Applications:	ELISA, Western Blot, Immunohistochemistry
Dilution:	1 µg/ml in Western Blot
Reactivity:	PHF TAU, phosphorylated TAU at amino acid position 231 (T)

Figure 1

Brain homogenate from patients of braak stage of 5 and 3 for AD pathology, respectively (4 brain areas for each patients (F: frontal; P: parietal; O: occipital; C: cerebelum) and PHF preparation from healthy brain (PHF) were separated by SDS-PAGE and blotted on nitrocellulose membrane. NC membrane was incubated by 5 µg/ml of mab 5G7.

Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG antibody and ECL staining. Mab 5G7 reacted specifically with the phosphorylated TAU and fragments of lower molecular weight in frontal and parietal areas of braak stage 5 AD patient.

Analyses were kindly performed by Seguin Jérémie (CBPE, Hôpitaux de Lyon, France).

